

1 GAGCTAAGCA CATACTGTCAG AAACCATTAT TGCGCGTTCA AAAGTCGCCT
 51 AAGGTCACTA TCAAGCTAGCA AATATTCTT GTCAAAAATG CTCCACTGAC
 101 GTTCCATAAA TTCCCCTCGG TATCCAATTAA GAGTCTCATA TTCACTCTCA
 151 ATCCAAATAA TCTGCACCGG ATCTGGATCG TTTCGCATGA TTGAACAAAGA
 201 TGGATTGCAC GCAGGTTCTC CGGCCGCTTG GGTGGAGAGG CTATTGGCT
 251 ATGACTGGGC ACAACAGACA ATCGGCTGCT CTGATGCCGC CGTGTCCGG
 301 CTGTCAGCGC AGGGGCGCCC GGTTCTTTT GTCAAGACCG ACCTGTCCGG
 351 TGCCCTGAAT GAACTGCAGG ACCAGGCAGC GCAGCTATCG TGGCTGGCCA
 401 CGACGGGCGT TCCTTGCGCA GCTGTGCTCG ACGTTGTCAC TGAAGCGGG
 451 AGGGACTGGC TGCTATTGGG CGAAGTGC~~CC~~ GGGCAGGATC TCCTGT~~CATC~~
 501 TCACCTGCT CCTGCCGAGA AAGTATCCAT CATGGCTGAT GCAATGCGGC
 551 GGCTGCATAC GCTTGATCCG GCTACCTGCC CATTGACCA CCAAGCGAAA
 601 CATCGCATCG AGCGAGCACG TACTCGGATG GAAGCCGGTC TTGTGATCA
 651 GGATGATCTG GACGAAGAGC ATCAGGGGCT CGCGCCAGCC GAACTGTTCG
 701 CCAGGCTCAA GGCGCGCATG CCCGACGGCG ATGATTCGT CGTGACCCAT
 751 GGCGATGCCT GCTTGCCGAA TATCATGGTG GAAAATGGCC GCTTTCTGG
 801 ATT~~CATCGAC~~ TGTGGCCGGC TGGGTGTGGC GGACCGCTAT CAGGACATAG
 851 CGTTGGCTAC CCGTGATATT GCTGAAGAGC TTGGCGGC~~GA~~ ATGGGCTGAC
 901 CGCTCCTCG TGCTTTACGG TATCGCCGCT CCCGATT~~CGC~~ AGCGC~~AT~~CGC
 951 CTTCTATCGC CTTCTGACG AGTTCTTCTG AGC~~GGGACTC~~ TGGGGTT~~CGA~~
 1001 AATGACCGAC CAAGCGACGC CCAACCTGCC ATCACGAGAT TTGATTCCA
 1051 CCGCCGCCTT CTATGAAAGG TTGGGCTTCG GAATCGTTT CCGGGACGCC
 1101 GGCTGGATGA TCCTCCAGCG CGGGGATCTC ATGCTGGAGT TCTTCGCCCA
 1151 CGGGATCTCT CGGGAACAGG CGGTGAAAGG TGCGATATC ATTACGACAG
 1201 CAACGGCCGA CAAGCACAA GCCACGATCC TGAGCGACAA TATGATCGGG
 1251 CCCGGCGTCC ACATCAACGG CGTCGGCGGC GACTGCCAG GCAAGACCGA
 1301 GATGCACCGC GATATCTGC TGC~~GGT~~CGGA TATTTCTG GAGTTCCCGC
 1351 CACAGACCCG GATGATCCCC GATCGTTCAA ACATTTGGCA ATAAAGTTTC
 1401 TTAAGATTGA ATCCTGTGC CGGTCTTGC~~G~~ ATGATTATCA TATAATTCT
 1451 GTTGAATTAC GTTAAGCATG TAATAATTAA CATGTAATGC ATGACGTTAT
 1501 TTATGAGATG GGTTTTATG ATTAGAGTCC CGCAATTATA CATTAAATAC
 1551 GCGATAGAAA ACAAAATATA GCGCGCAAAAC TAGGATAAAT TATCGCGCGC

Figure 1

SEQ ID NO:1

1 GACATACCTA GGATCGTTCA AGAACGTTTC TTTCTAGCTA CTTCCGGTAG
 51 ACCCGGACCG GTTTGGTTG ATGTTCTAA GGATATTCAAG CAGCAGCTTG
 101 CGATTCCTAA CTGGGATCAA CCTATGCGCT TACCTGGCTA CATGTCTAGG
 151 TTGCCTCAGC CTCCGGAAGT TTCTCAGTTA GGTCAGATCG TTAGGTTGAT
 201 CTCGGAGTCT AAGAGGCCCTG TTTTGTACGT TGGTGGTGGAG AGCTTGAAC
 251 CGAGTGAAGA ACTGGGGAGA TTTGTCGAGC TTACTGGGAT CCCCGTTGCG
 301 AGTACTTTGA TGGGGCTTGG CTCTTATCCT TGTAACGATG AGTTGTCCCT
 351 GCAGATGCTT GGCATGCACG GGACTGTGTA TGCTAACTAC GCTGTGGAGC
 401 ATAGTGATTT GTTGCTGGCG TTTGGTGTAA GGTTTGATGA CCGTGTACG
 451 **GGAAAGCTCG** **AGGCTTCGC** TAGCAGGGCT AAAATTGTGC ACATAGACAT
 501 TGATTCTGCT GAGATTGGGA AGAATAAGAC ACCTCACGTG TCTGTGTG
 551 GTGATGTAAA GCTGGCTTGG CAAGGGATGA ACAAGGTTCT TGAGAACCGG
 601 GCGGAGGAGC TCAAGCTTGA TTTGGTGT **TGGAGGAGTG** **AGTTGAGCGA**
 651 GCAGAAACAG AAGTCCCTT TGAGCTTCAA AACGTTGGAGA GAAGCCATT
 701 CTCCGCAGTA CGCGATTCAAG ATCCTCGACG AGCTAACCGA AGGGAAAGGCA
 751 ATTATCAGTA CTGGTGTGG **ACAGCATCAG** **ATGTGGCGG** CGCAGTTTA
 801 CAAGTACAGG AAGCCGAGAC AGTGGCTGTC GTCATCAGGC CTCGGAGCTA
 851 TGGGTTTGG ACTTCCTGCT GCGATTGGAG CGTCTGTGGC GAACCCTGAT
 901 GCGATTGTGG TGGATATTGA CGGTGATGGA AGCTTCATAA TGAACGTTCA
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 1151 CGAGAGTGAC GAAGAAAGAA GAACCTCCGAG AAGCTATTCA GACAATGCTG
 1201 GATACACCAG GACCACACCT GTTGGATGTG ATATGTCCGC ACCAAGAACAA
 1251 TGTGTTACCG ATGATCCCAA GTGGTGGCAC TTTCAAAGAT GTAATAACAG
 1301 AAGGGGATGG TCGCACTAAG TACTGAGAGA TGAAGCTGGT GATCGATCAT
 1351 ATGGTAAAAG ACTTAGTTTC AGTTTCCAGT TTCTTTGTG TGGTAATTG
 1401 GGTTGTCAG TTGTTGTACT ACTTTGGTT GTTCCCAGAC GTACTCGCTG
 1451 TTGTTGTTT GTTCCCTTT TCTTTATAT ATAATAAAC TGCTTGGTT
 1501 TTTTTCTATA TGTTGGGAC TCAATGCAAG GAATGCTACT AGACTGCGAT
 1551 TATCTACTAA TCTTGCTAGG AAAT

Figure 2

SEQ ID NO:2

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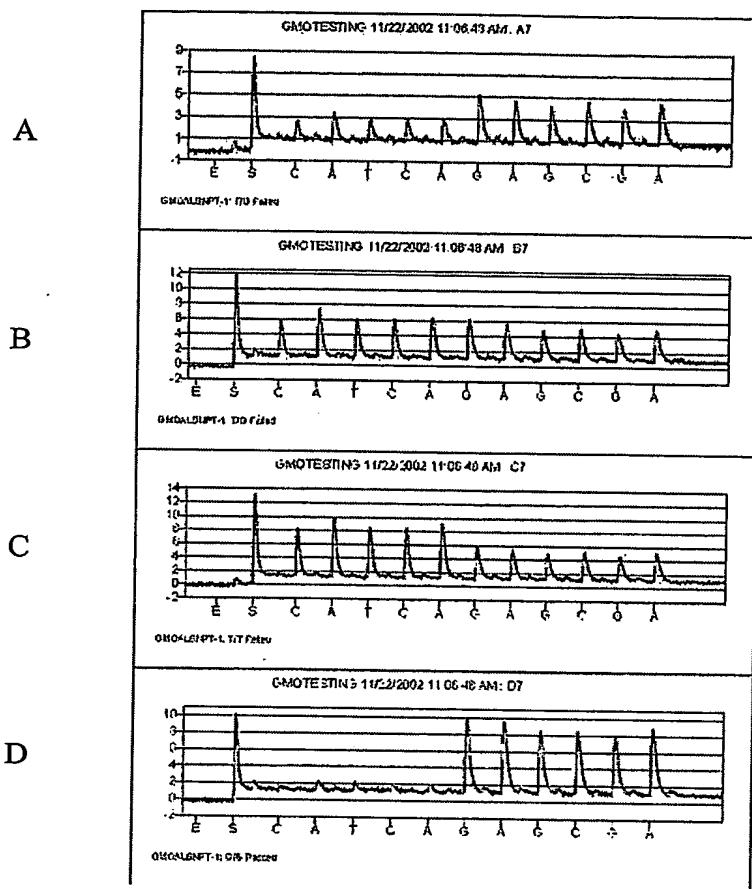


Fig. 3

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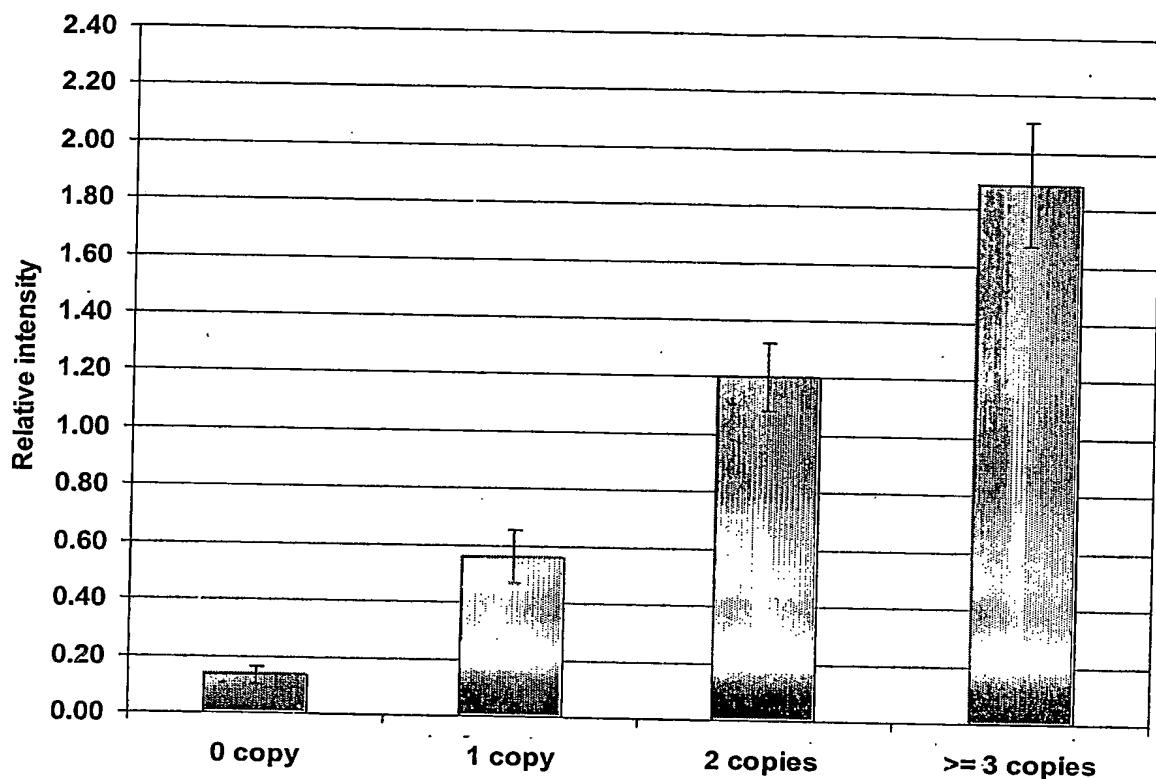


Fig. 4